

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: n2lzi@dreamscape.com
Subject: [8840] (no subject)
Message-ID: <32DC22F9.706B@dreamscape.com>

qrp-1 unsubscribe n2lzi@dreamscape.com

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [8921] 38 Special Order Numbers
Message-ID: <1.5.4.16.19970115141032.2a6f01d4@telis.org>

Guys, guys, guys. I know you are all anxious to get your kit, and that is understandable. But we have a problem here. We have been inundated with orders, that is a huge compliment. Jim started out by replying and confirming orders with numbers, but it is just not feasible for him to do that now. Think about it, does TenTec send you a confirmation number? No, and Jim was doing it because he is Jim, and that is his way, to go the extra mile.

But, we have to make choices now. There is not enough time to send out kits and send out confirmations. We are getting as many as 30 to 50 orders per day, and it is impossible for Jim to answer all of these and ship kits. It takes at least 5 minutes to read, look up information and compose an answer for each request. I have received 10 of these today myself. Why they send them to me I don't know, as Jim is the one with the orders, and we live 150 miles from each other.

So, please don't send us messages inquiring about your order number. It will only slow the whole process down. If you ordered before Jan. 5th and don't receive your kit in 2 or 3 weeks, then start the process of inquiry. Jim is shipping the kits, first in, first out. He has over 160 of them mailed, that is super human effort on his part.

And by the way, PLEASE, PLEASE, PLEASE include a self addressed mailing label with your orders. It is a tremendous help to Jim. That way all that he has to do is stuff grab a padded mailing envelope, stamp it with NorCal's return address, add a manual in the padded envelope, insert the parts bag, add the circuit board, seal the envelope, staple the envelope, and then add the label. Otherwise he has to hand write your name and address.

Thanks for your patience and understanding. 72, Doug (putting the second run of 500 parts kits together, grin.)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [8883] 38S and Ten-Tec cabinets
Message-ID: <199701150750.XAA25931@netcom21.netcom.com>

Well, I plan to put it into a TP18, but their discount, if you buy a T-Kit at the same time is so good, I'm waiting for the complete cabinet catalog (to which the same discount applies) so I can order cabinets for other projects as well. You can order as many boxes as you want with one kit.

The T-Kit I'm going to order is the Transmatch Tuning Bridge, which is a 2"x3" board that is useful for tuning an antenna or antenna tuner without transmitting, and is a lot smaller and cheaper than the MFJ or Autek units. I think I can squeeze it into one of the Celestial Seasonings tins.

73, doug

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [8875] 38S kits a'mailing
Message-ID: <8D014D5.0004001867.uuout@cheaha.com>

-> Thanks to everyone for hanging in, and for your kind words, and for
-> your encouragement. All of us involved in the project appreciate it.

WHOA HE'AH!!!! You have been stuffing too long, Jim. You got this all wrong.

WE are the ones to be thanking ya'll!!!!!!
THANK YOU!!!!!!!!!!!!!!

100 percent FB

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+

> Isn't "time" a 4-letter word? <

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [8843] 40 Meter Insanity (Heard Island)
Message-ID: <32DC2779.4E1A@concentric.net>

Just for fun I thought I would see if I could spot VK0IR without the use of a fancy digital dial and also see if I could hear him on the NW40 es Gap. Found him at 7007 according to the last cluster spot no problem. Last guy that worked him said QSX 7019.0. I started to tune up the band. HOLY _____! Solid QRM from 7010-7030. It sounded like the WORLD was calling him! Good way to test the selectivity of your filters, but you guys can keep fighting that kind of pile up! As for me, I will wait until they've been there a bit and then nab him when he's all alone and just came up on the band and then POW! I'll be there, chuckling.....:-)

Best

Jess N0TFI (Glad I'm not a QRP DX hound anymore ;-0)
<http://home.concentric.net/~jessqrp>

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: NilsBull@aol.com
Subject: [8926] And then.... and then.... and then.... we all have our problems
Message-ID: <970115172456_1724709162@emout19.mail.aol.com>

Ok, I admit it: I have been having trouble getting onto AOL. Yeah, I know, I said that I was part of the problem and I am. But before, I thought that it was the process of reconstructive surgery that I had to do on this machine. That was then, this is yesterday. Funny stuff, too, 'cause I get all the way to "Checking Password" and then it's "Goodbye!" (Cindy hooked up the sound card crap again... drives me nuts, all this noise and gibbering... too much like the voices... yes, I'll be there in a minute, Mother...)

So then I call Cindy and she says that a bunch of people have filed suit against the ol' AOL boys 'cause they can't provide the service that they'd promised to provide at the rate promised +c, ad nauseum and stir over medium heat. Guess it is as bad as they say. But the 2-bit number that I can call in the nearby town is, surprise of the week, not busy today. (I usually don't use that number 'cause it's, like, busy, dude.)

In the meantime, I have noticed a heightening of activity on 30m. Like for a while there were a bunch of DX chasin' loonies down around 10.101+c, crawlin'

all over each other to get to some poor soul in Northwestern South Printerstan. I listened and wondered, what with the FCC de-boned and de-clawed (I, Claudius... I declawedius...), how many people are running big time serious power up there. Like the guy who just happens to have a 4-10000 and a resurrected power pole transformer (run backwards, of course, through a variac, of course...) in a huge rack +c. "Can ya hear me now, dammit?!?!?!?"

Kinda makes me wish for the good ol' days: 3968 kHz, about 0700 UTC, chewin' the fat with the Ohio Valley Teratology Net and gettin' flack from the California Atheist Net. Blower noise at 40 over S9.

73

Nils

WB8IJN +c

... and no, I ain't joinin' the suit 'cause I just wanna cause trouble and them what's in the suit will have to wear it once the orderlies get here and tighten up these straps...

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: JCoote@aol.com
Subject: [8925] Another AOL harangue- del if uninterested
Message-ID: <970115171830_1444612536@emout15.mail.aol.com>

Here in Los Angeles if I try to access during "rush hour" in the evening both numbers are frequently busy and I have to try several redials. One of the things I enjoy is reading QRP-L in the evenings.

I've tried to dial the AOL 800 number to obtain some new local numbers to try, but of course the 800 number is busy. I love a good catch-22!

The idea of millions and millions of newbies out there, connected for hours while they eat dinner or walk away from the computer is annoying- humble persons such as myself only need a few minutes to quickly up/download their email to read offline. I can just imagine those newbies, viewing web pages and gifs with old, s l o w 2400 modems and 286's.

What I find more upsetting than AOLs delays are the numerous email ads AOL allows to harass their subscribers. (ex:) "Call this hot 900 number" "Need Money?" "Big bucks in email advertising" "Cable TV descramblers for \$7.99!". Today I got spammed by some fanatical religious group and someone trying to sell me ostrich meat.

I would love to hear of some methods of torturing spammers... and who was that attorney in the AOL class action suit?

I heard that the new name for AOL will be "America On Hold" ;-)

(Back to Amateur Radio- rant concluded)

73, Jay
W6CJ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [8868] AOL
Message-ID: <970115040726_70731.722_EHM89-2@CompuServe.COM>

WB7WHI:

>They are having some problems
> with overload at the moment but they are adding new and more
>equipment to solve the problem. >

KJ7UN:

> That's what they told me back in September of 1992!!

K6DZ

Read your messages about AOL with interest. Hard to believe but then have been with CompuServe for years (note the "vanity" early 3 digit suffix on my CompuServe Email number) got really great service from them, but then of course I never tried to leave CompuServe <g>. Might have been a different story had I tried to exit Csi.

The plan was just to add AOL, not quit CompuServe. Never a single busy signal in years with CompuServe. The CompuServe ID number format of xxxxx.yyy is because xxxxx represents a "project", and the .yyy is the user tag for each project team member. CompuServe started out as an online service for businesses who had project teams whose members were widely separated to have a way to brainstorm together, but not at exactly the same time. Only 3 digits in my .yyy suffix because its an old "vanity" number, I've used Csi so long.

BTW, AOL seemed fantastic during the 30 day free trial. When I had access I loved the service. Believe it or not if AOL could offer me _either_ good access or a refund, then despite all this hassle I would take the good access, not the refund. I really did like AOL a lot when I could get there from here.

On their "billing" 800 line AOL's canned welcome message begins by apologizing for all the access problems they are having. The message goes on

to say that in two months they will have installed 12,000 new modems an increase of 25%. Several of their 800 numbers begin by playing a similar apology message. Problem is got connected I think twice in 22 days at 20 attempts per night. 2 out over 400 attempts. The promised 25% increase coming later seems way to little increase to handle the new overload.

Reason for the sudden access problem is that AOL's new unlimited access plan first went in effect in December '96, right when I signed up to AOL.

The whole idea of thread is to give QRP-L members something to consider when choosing Email and Internet provider. The moral being that paying one month at a time puts the user at little risk compared to that mouse click of mine that got me two years in advance. By the way, right after doing the click there was no screen asking to verify the choice I had just made, one single click and that was it. Another moral for everyone being to think before clicking in the computer age, because you may only have one click coming before its a done deal. In the old low-tech days it took longer to sign your whole name.

Dan K6DZ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Dan Keen <70731.722@CompuServe.COM>
Subject: [8869] AOL
Message-ID: <970115040719_70731.722_EHM89-1@CompuServe.COM>

All:

To anyone casually following the thread, I aint sure whether to cancel AOL before asking for the refund, or ask for a refund and if I get it then cancel the service:

1) If I don't cancel and just hang around with no access for 3,4 months while trying to get refunded, then maybe access will improve. That way still have left about a year and half of good service if conditions improve. OTOH, won't the credit card bank ask me why I didn't cancel the service if the AOL service wasn't doing me any good?

2) If I do cancel, then poof there goes the whole \$358 dollars that I either later manage to get back or lose it all if don't manage to get a refund or removal of charge from the VISA card. One AOL representative said if I cancel I would get credit if and when renewing the account, but havn't got that in writing except one rep said she would hand write out a sort of promise to that affect, since AOL didn't have anything printed up about credits when

re signing up for service. So if I do cancel AOL, maybe I lose the whole pile of money and am reluctant to do so. Still I think I have to cancel right, or never get a refund or bank charge removal 'cause I'm still signed up for the AOL service?

Question having trouble is whether should cancel right now or not,

Dan K6DZ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: GMPT <hapence@erols.com>
Subject: [8873] AOL
Message-ID: <2.2.16.19970114233556.2167de1c@pop.erols.com>

Heard on D.C. area TV tonight - A class action suit has been filed against AOL citing non performance and fraud...no other details..
72 y Paz Grover KQ4AL Occoquan, VA 38 41 29n 77 18 45W FM18iq

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [8916] AOL
Message-ID: <32DD52EB.AA7@dzn.com>

Hello everyone. CNN just had a little segment on their noon edition concerning AOL. They had an attorney from Los Angeles, Stanley Salzman, that has filed a class action law suit against AOL, on the behalf of those subscriber that are not happy with the service they are not getting. So those that are interested should probably contact this lawyer in Los Angeles and maybe there will be some redress in the works. Some technical editor from Newsweek was there to defend and rebut in favor of AOL, not convincing I might add.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: SNickrand@aol.com
Subject: [8893] AOL email problem
Message-ID: <970115101619_1419077154@emout19.mail.aol.com>

Just got confirmation that AOL is having problem with internet mail. It started Tue. evening and continues as I write this letter, Wed 9AM CST. I do not know if this will even reach the qrp-l group but it may be possible that mail sent in last 12 hours will be lost

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: km1h@juno.com
Subject: [8928] Caps,Filters,Meters most shipped
Message-ID: <19970115.172639.9887.17.km1h@juno.com>

The past 3 days I packed and shipped 46 orders. They all went 1st Class mail so everyone should have by Friday or Saturday.

However, I have 3 orders that have not shipped because I have either no info or no address. A few, thankfully very few, do not bother to include even a note. They must expect me to be a mind reader. Others may write something on the check but the order of life around here is the PO, then the bank and then home. Sometimes I remember to write something on the envelope, sometimes I forget and throw away what appears to be just another empty envelope. The memory is the second thing to go at my age....

A few others are too lazy to include an address on the note, just a call sign. They get last priority until I get in the mood to squint at the mice type in the Call Book.

For best service from any mail order purchase, ALWAYS include a note with all the details. It works wonders with me and improves my attitude.

73.....Carl KM1H

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Mike Robinson <miker@cc.com>
Subject: [8923] Charging alkalines?
Message-ID: <9701152157.AA21093@voder.nsc.com>

The newest Heartland Catalog has a battery charger shown, that can charge alkalines as well as nicads. Is it possible to charge regular alkalines?

=====
7.3 de Michael N7MR miker@cc.com michael@frii.com
 http://www.frii.com/~michael
 QRP-L #126 Norcal #857 CQC #180
=====

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [8881] Complete list of parts for mods to 38S
Message-ID: <199701150723.XAA19501@netcom21.netcom.com>

A few people asked for this, and this way others can proof the list
and comment:

73, doug (N6TQS, as opposed to any other Doug)

This reflects the information in the 38S manual, as received today.
The inductor mentioned has a notation about a Mouser part number, but
no number is mentioned. I think it, like the 78L05, is not listed in
the Radio Shack catalog, either.
Some of the keyer information differs from what was published earlier, but
was confirmed by email from Embedded Research.
Installing the TiCK (tm) disables the sidetone in the basic unit, and
substitutes the sidetone from the keyer.

Keyer added parts.

- 8 pin DIP socket
- 10K 1/4 w resistor
- .1 uf 50v monolythic cap, .2 inch lead spacing
- 2N2222/2N3904 GP NPN transistor
- 78L05
- Normally open pushbutton switch
- 1Meg trimpot or 270K/560K/1Meg 1/4 watt resistor
 (for adjustable or loud/medium/soft sidetone level)
 (There's no holes for the trimpot, and it's probably
 a tight fit)
- stereo jack for key input (replaces original)

5 watt power mod

- IRF510 transistor
- 10 ohm 1/4 w resistor
- 220 ohm 1/4 w resistor
- 10K 1/4 w resistor
- 18K 1/4 w resistor

3 0.1uf monolythic caps .2 inch lead spacing

(T37-2 toroid (supplied in kit))
(ferrite bead (supplied in kit))
T0220 insulator
heatsink compound
nylon 4-40 screw and nut for mounting IRF510 to cabinet for heat sink

RIT mod (changes frequency coverage from 10.110 to 10.132 to
10.102 to 10.125)
6.8 uH molded choke for .4 inch mounting (1/4 w resistor size)
(if frequency is too low, try another inductor)
SPDT toggle switch
10K linear pot
2 1N914 diodes
5.1K 1/4w resistor

*****end of list*****

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: rright@primenet.com (Roger Hightower)
Subject: [8857] CW survey es AOL problems
Message-ID: <199701150238.TAA19260@primenet.com>

Check out the February 1997 QST (page 54) for results of the CW survey.
Interesting reading, and seems the League has their marching orders.

Saw a story on the 6:00 p.m. news tonight about a class action lawsuit filed
in CA against AOL for failure to provide service. This might be something
for your folks to watch, if you are an AOL subscriber.

No Randy here tonight...can hear AB7MY working him, but Randy is down in the
mud.

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC-40A, OHR Explorer 20, 30M, OHR400, HW-8, HW-9 and more to
come.
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [8888] Dan's Audio-Weird Science?
Message-ID: <01IE8GN67G028WX31E@tntech.edu>

howdi,

using the information so nicely provided by group members, I went home yesterday and went right into the shack. First thing I did was check the NW8020, Dan's audio filter board against the schematic. The electrolytic and chip were exactly like the schematic. Is the schematic also wrong? or does anyone know maybe Dan had a second run of boards and I got one. I checked all docs including a personal handwritten note on a copy of my order. There was no mention about reversing anything on the board. I took my MFJ antenna analyzer and injected a signal into the antenna.. the filter appeared to be working. spent most of the rest of the time trying to get the radio into the case. I liked building the radio.. hate cutting up the case.

help!!

thanks

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: cjsterl@ix.netcom.com (Craig J. Sterling)
Subject: [8902] Dust Covers
Message-ID: <199701151636.IAA17680@dfw-ix7.ix.netcom.com>

Greetings,

Just received my dust-cover for my Kent Paddles. Really really nice...clear plexi with my call engraved and only \$14.00 with shipping.

I have no financial interest in these items, just wanted to pass on a useful product. The manufacturer advertises in QST, but didn't mention Kent Paddles. I called him and he said he could get the measurements and make me one. In less than a week I had a finished piece! So those familiar with his ad in QST classified under dust-covers...HE DOES DO KENT!

CU,

Craig, AA3MD

Larry Stamm, WB3EVL
28 Topton Road
Kutztown, PA 19530

E-Mail: lstamm@early.com

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [8846] Embedded Research
Message-ID: <32DC4597.4C17@dzn.com>

Hello everyone, I did an order to Embedded Research last week 1/7 for the Atomic Keyer kit and a TiCK keyer kit. Got a box today from Gary, with the Atomic Keyer kit, and a note indicating the other will be on the way in a week or so. Great service and Many Thanks to Gary and the gang at Embedded Research. Oh, it looks like the Atomic Keyer is going to fit just fine in the Celestial Seasonings tea box.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [8839] First Announcement for the February 3 SPARTAN SPRINT
Message-ID: <199701142349.QAA22516@cyberhighway.net>

The February Spartan Sprint will be held on February 3 (which is our standard date--the first monday of the month). Our shifty contest manager, Russ Carpenter, will be out of the country in February. SO PLEASE EMAIL YOUR RESULTS TO RICHARD FISHER, KI6SN, at KI6SN@juno.com.

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EST, 8:00 CST, 7:00 MST and 6:00 PST.
Finish at 11:00 PM EST, 10:00 CST, 9:00 MST and 8:00 PST.

2. The frequencies will be 7040+- kHz and 3560+- kHz. (You may operate one or two bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP".

5. If you are operating under the portable QRP rules, add "/PQ" to your call. (You can find those rules at our web site, <http://www.natworld.com/ars>.)

6. You can take credit for working the same station on a second band.

7. To spice things up, we'll give you double credit for every contact on 80 meters.

After the contest, send Richard Fisher, KI6SN, an e-mail with your total QSOs and the total weight of your station (i.e., the combined weight of the transmitter, receiver, key, keyer and battery). You may also include your comments from the soapbox. If you get that information to Richard by Tuesday night, he will include your data in the contest results, which will be published on Thursday on the ARS web site and the QRP-L. Richard's email address is KI6NS@juno.com.

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, antenna tuner and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

ARS provides handsome certificates to the operators who achieve the top two scores in points, and points per pound.

You can get a full explanation the Spartan Sprints from our web site, <http://www.natworld.com/ars>.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@juno.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

72, Russ Carpenter, AA7QU, Contest Manager

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: gsurrency@juno.com
Subject: [8878] Fox
Message-ID: <19970114.224858.3238.4.gsurrency@juno.com>

Oops! Musta set my UTCclock an hour earlier than it really is! Duhh.

It was really 0236UTC NOT 0136UTC when I worked the Fox as the earlier post said. Anyone who has an MFJ dual display LCD clock can attest to how touchy it is to set. Gotta get a real clock here.

At least Randy and the rest of you know what time it is, er, was.

And I just read Stephen Hawking's book, "A Brief History of Time."
Sheeesh!

Must have been one of those particle / anti-particle pairs nearby.....

Say goodnight Dick,

73,

Gary Surrency
AB7MY
Chandler, AZ
QRP-L #571

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: gsurrency@juno.com
Subject: [8877] FOX Caught
Message-ID: <19970114.223251.3238.3.gsurrency@juno.com>

Hey Hey, I got Fox #2! Just haven't been at the right place at the right time for the others. And tonight the band was "weird" again, as another ham (AA0DM) said in a later QSO I had. It was around 0136 UTC here.

Ok, I'll admit it. I had some help. KK7BD had just finished working KS4L, and I just happened to tune across as he was signing. Was cleaning up the clutter on the desk, and trying to find how I was gonna neaten up the wiring and switching between the two TAC-1s and the ARK30. So I tail

ended him with success. Thanks Dan.

I gave Randy a 329, 'cuz that's a pretty honest report at the time I worked him. He did get stronger a little later, as Roger, N7KT will attest. At that time, Randy had improved up to about a 559-579 with the QSB.

KJ7DQ called you too Randy, but I don't think he is on this list and he didn't quite understand all the Fox activity. He lives about 3 or 4 blocks North of me.

The R/S DSP plus the TAC-1's audio filter really helped pull out the Fox's signal for me here. I just gotta get a vertical or half-square up here somehow. The indoor dipole just is too noisy and radiates too much of my signal up or down into the house wiring.

There was a lot of DX activity on 30m tonight, but I never heard the DX station. Lotsa guys calling tho', around 10.106 Mhz and 0213 UTC.

Thanks, Randy (and Dan). Nice job.

72,

Gary Surrency AB7MY
Chandler, AZ
QRP-L #571

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Randy Moore" <wr.moore@worldnet.att.net>
Subject: [8871] Fox: Tuesday night
Message-ID: <19970115042156.AAA19300@THEMOORE.pcmail.ingr.com>

This was really strange. First call answered immediately by Ron, KU7Y, and solid exchange. Then nothing for 10 minutes - I was expecting another pile up like on my last Fox evening. Never did hear more than a couple of calls at a time. Worst QSB I've experienced. Stations would start out around 569 or so and go away completely. Looks like I had a pipeline into AZ tonight. Absolutely nothing to my east or north east. Two local contacts that were fun. W5FN and W5QJM from TX almost knocked me out of the chair with their FB signals, in the midst of all that QSB - go figger... Still enjoyed it, though I certainly didn't set any records.

0201	KU7Y	559	549	NV	RON	17
0211	N6MM	559	569	CA	HARVEY	318
0214	W6SU	239	229	CA	JOHN	48
0216	NQ7K	459	559	AZ	MIKE	47

0219	K2VCO	449	559	CA	VIC	725
0226	W7GVN	449	339	AZ	ROB	849
0229	NQ7X 439	449	AZ	FLOYD		343
0231	WA9PWP	439	459	WIS	PAUL	127
0233	KK7BD	459	339	AZ	DAN	5W
0236	AB7MY	439	329	AZ	GARY	571
0239	AA9XI	449	449	CO	MARSHALL	153
0251	W00Q 569	569	CO	MARTY		793
0253	N7KT 579	339	AZ	ROGER		62
0259	N7GS 439	449	MT	MAL		815
0301	N6XU 229	229	CA	STAN		66
0313	WX4P 599	599	AL	DANNY		711
0321	N4IM 349	449	TX	COLEMAN		737
0342	W5FN 599	599	TX	TIM		586
0344	W4HFU	569	579	AL	FRANK	157
0350	KJ5VW	559	559	TX	GARY	227
0400	W5QJM	599	599	TX	FRED	5W

Also heard, but could not QSL full exchange:

0223 K0EVZ

0240 WJ7H

0304 KI7MN (several tries)

0307 N6XU

Thanks again, and let me know where my mistakes are!

72/73,

Randy, KS4L

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: "David D. Meacham" <ddm@datatamers.com>

Subject: [8848] FS 600-Ohm Global Resistors

Message-ID: <Pine.LNX.3.91.970114155831.6666A-100000@dt1.datatamers.com>

Gang,

Sometime back there was a request on this list (I think) for 600-Ohm Global resistors. While cleaning out my storage unit I found two of them new in original boxes. They are Global type CX, 600 Ohms +/- 10%, 118W, 1-inch Dia. by 18-inches long. (just right for terminating a Rhombic) I will sell the pair for \$30.00 including shipping.

72, Dave, W6EMD

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [8918] fs Ten Tec argosy 1
Message-ID: <01IE8UHH0R768WXNAP@tntech.edu>

don't know anything about this.. but thought someone might be interested. I have the Argosy II, which I use QRP portable on CW and sideband and also mobile.

72
Jeff, AC4HF

X-News: eagle.tntech.edu rec.radio.swap:3673
From: KIRK C SMITH <KIRK.C.SMITH@TEK.COM>
Subject: fs Ten Tec argosy 1
From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "William C. Robbins" <billrobb@net-link.net>
Subject: [8900] FS: Wilderness NorCal 40-A
Message-ID: <199701151619.LAA17290@serv01.net-link.net>

Too many radios. Gotta sell some.

This 40-A has the keyer built in. Excellent condition with the manual. Works great. I will ship it for \$145.

Bill

WA8CDU Heathkit Collector

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Brad Mugleston <bmug@gw1.com>
Subject: [8891] Grey Line
Message-ID: <01BC02B5.FF9C49E0@pps-pc10.gw1.com>

Got my grey line question answered. The grey line from Hawaii goes to Africa so maybe I'll hit there.

Thanks for all the help.

Brad KB0ROL

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: kb0rol@juno.com (Bradley L Mugleston)
Subject: [8844] Hawaii Happenings
Message-ID: <19970114.180445.7071.0.kb0rol@juno.com>

I was wondering, is there anyone on this list who lives on Oahu? Is there anything going on next week that I should check into - club meetings, swap fests, great stores... I will be there all week and have a car.

Thanks,

Brad Mugleston - KB0ROL
Colorado QRP Club # 170, QRP-L #316, ARRL
QTH - Aurora, CO - DM79oq
KB0ROL@JUNO.COM
BMUG@GWL.COM

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [8907] Help with SCAF filter coefficients
Message-ID: <M28883552.004.2a186.1.970115180112Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

It appears that fox hunting has lately turned into a real "dig 'em out of the noise" weak signal excersize.

I recently purchased 4 MF10CC switched capacitor ICs (\$4.95 DC electronics).

I would like use them to build an audio filter that has two notch filters, and an adjustable three stage lowpass and three stage highpass filters.

This would allow me to move the upper and lower skirts to reduce QRM, and a pair of notches to reduce really close in interferers.

I have the data sheets on this part, which gives the design equations. The notch filters are not a problem. However, it appears that I need to know the Q and fo/fc ratio for each of the three high pass and low pass stages.

I think I want this data for a Butterworth filter (vs the steeper Chevyshev) in order to minimize ring.

I have filter design programs for RC active filters, but I could not

see how I could work backwards from the RC components given to get the data I need for the switched capacitor filters.

Anyone have these numbers?

Thanks much!

- Dan Tayloe, KK7BD, Phoenix, AZ, QRP1 #696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Kevin Potter <k5vp@earthlink.net>
Subject: [8930] I'd like your ideas..
Message-ID: <32DCEE00.6224@earthlink.net>

NilsBull@aol.com wrote:

>

> Ok, I admit it: I have been having trouble getting onto AOL. Yeah, I know, I
> said that I was part of the problem and I am.

Oh, I hear a 12 step program here-- A(OL)AA. ; -)

Loved AOL when I had then they pulled the local access # & that was the end of that relationship.

My daughter & wife both used it for school & it was great.

Anyway, love this list! Trying to decide which xcvr or combo to start with. New or one with mileage, what do you all use or suggest.

BTW, been off the air for years & looking for some QRP fun.

KP

PS-- I was surprised when I email the term 'new highers' instead of 'new hires'. No one said a thing. Cool!

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [8889] Ill winds blowing in Texas
Message-ID: <32DCD9BE.7C40@uts.cc.utexas.edu>

Hi gang,

Whoever said, "It's an ill wind that doesn't blow some good." was right. The ice and bad weather here in Texas cancelled work for two days on Monday and Tuesday and "forced" me to spend some time hammin'.

Finally, got my NW20 on the air and it works great. Put together one of Dan's Parts versions and installed a Doug DeMaw active four-pole audio filter and they make a great combination. Can take the bandwidth down to 100 Hz if I need to. Late Tuesday afternoon I put up a simple dipole at 15 feet off the back balcony and worked two California stations just as the band was closing down. One leg was just hanging on the top of some tree branches. Can't wait to try it in the middle of the day.

Also, worked my first White Mountain SSB 20 meter contact on Monday...but just across Austin. Had to check out the audio and got a great report. Still not sure I'm getting all the power out that I should, but then I don't have a good 20 meter antenna up so all my CQ's went unanswered. Hadn't put up the dipole yet and was loading my 132 ft OFC dipole. All the voltages check out and the SWR meter forward reading kicks up, but not as high as I think it should. A little more testing needed here.

Then, last night while searching for the fox I heard AE4IC working a V31 (Belize) from North Carolina. Bob snagged him qrp so I jumped in right behind him and got him as well. Thanks, Bob, for grabbing his attention. Couldn't hear the fox at that point so went back to getting out my Christmas cards (still not done). About 15 minutes before the end of the fox hunt went back to check one last time. There he was loud and clear and almost nobody hunting at that time. Gave him a call and snagged the furry critter.

Hey, it just doesn't get much better.

Now, it's back to the salt mines.

73,72,

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [8931] LDG Autotuner R/S cabinet dimensions.
Message-ID: <19970115.160555.6750.7.gsurrency@juno.com>

Hey gang,

I have created a Windows Paint file (.BMP file) that contains the dimensions for the cabinet of the LDG QRO autotuner (high power) kit. Someone on this list requested it, and I sent it out to him. Got to thinking more of you might be interested.

I used the .BMP format, since I figured not all of us have CAD software to read in the file. If you have Windows, you can view / print it out. So it is not the most beautiful drawing in the world, but it does have all of the pertinent dimensions for the front, rear, and bottom panels.

This, of course is for the Radio Shack cabinet, pn. 270-274, size is: 3 1/16 x 8 1/4 x 6 1/8". \$12.99 US. And it is just the perfect size for the PCB and is easy to work with, but not too flimsy. If you can measure and drill, you'll be OK. The final touch is to apply dry transfers for the controls , switches, and connections. Then, a protective coat of clear spray finish protects the dry transfers.

I took the measurements right from my unit, so unless LDG has changed the PCB design, it should be accurate.

This might save a couple of bucks for those of you would don't mind "rolling your own enclosures". If anyone is interested, email me. If there is enough interest, I may ask someone to put it up on their web page, as I currently don't have one.

The file is 302KB, so it may upset some of your ISPs that reject large files.

Any volunteers to post it on their web page?

Thanks and 72/73,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [8901] LDG group buy continueth
Message-ID: <Pine.3.89.9701151030.B1789-01000000@w3eax.umd.edu>

It's on until January 17th, everyone!

That's THIS FRIDAY. Midnight (OK, will leave it open until 5 a.m. EST Saturday to let the Hawaiians sneak in).

AT-11 100w auto-tuners, normally \$150, now \$127.50
enclosures, \$30.00, pre-punched, drilled, painted, silkscreened

QRP tuners, normally \$100, now \$85.00
enclosures, \$25.00, similar to above

If interested, send me:

UPSable address
phone number

The order will be made shortly after the 17th. The units will hopefully go out toward the end of the month...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Steve, N2MNN" <n2mnn@openix.com>
Subject: [8933] List of Internet Providers
Message-ID: <199701152326.SAA04878@pantera.openix.com>

Sorry I mouthed off about AOL. At least they said there was a way to cancel. Another large provider I tried didn't even give an address to write to, and their customer service refused to accept cancelation requests. The trouble back then was I didn't know about the local providers.

Anyway, being in a more constructive mood, I want to be sure everyone knows about 'WWW.THELIST.COM'. Its the way I chose a decent local provider. Over 4300 providers listed, and searchable by area code. It used to have a place to put your own comments in, and read the comments of others. It gives you enough info so that you can narrow down the search to about 3 or 4 providers, and then give each a call. Tells about rates, services, software provided area of local coverage, etc.

I hope this is useful.

Steve,
N2MNN, in NJ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [8934] Matching 102 ft Dipole #2

Corrected posting - the values didn't change very much.

I've been asked to post the value and locations of capacitors required to achieve a Z0-match with a 102ft dipole fed with 450 ohm ladder-line on all HF bands. The Z0-match results in a 1:1 SWR on the ladder-line at the shack and a purely resistive 450 ohm load for the antenna tuner through a 1:1 choke balun.

The antenna impedance is obtained from EZNEC. The rest of the data then comes from MicroSmith. It assumes the 450 ohm ladder-line has a velocity factor of 0.9. The following are only starting points. Every antenna is different. This one was modeled at 40 ft high and horizontal. As the frequency goes up the unknowns multiply so this data tends to be much more accurate for the lower frequencies. Conditions repeat on a transmission line every 1/2 wavelength so if going one direction with the capacitor makes matters worse, simply go the other direction. The capacitor location is in feet from the antenna.

Frequency	capacitor value	capacitor location
3.8 MHz	400 pf	31 ft
7.2 MHz	117 pf	44 ft
10.125 MHz	112 pf	24 ft
14.2 MHz	42 pf	37 ft
18.14 MHz	51 pf	40 ft
21.3 MHz	45 pf	31 ft
24.95 MHz	21 pf	34 ft
28.4 MHz	28 pf	38 ft

It seems obvious to use a 15-150 pf variable cap for this application and switch in a parallel 330 pf cap for 75m.

How to find the right capacitance and position? First connect a 450 ohm dummy load to the output of the antenna tuner and tune for a 1:1 reading on the SWR meter. Then disconnect the dummy load, connect the transmission line, and tune and move the capacitor until a 1:1 SWR is observed on the antenna tuner SWR meter. Mark the position on the transmission line and record the capacitor position and/or capacitance value.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [8910] Matching a 102 ft dipole

I've been asked to post the value and locations of capacitors required to achieve a Z0-match with a 102ft dipole fed with 450 ohm ladder-line on all HF bands. The Z0-match results in a 1:1 SWR on the ladder-line at the shack and a purely resistive 450 ohm load for the antenna tuner through a 1:1 choke balun.

The antenna impedance is obtained from EZNEC. The rest of the data then comes from MicroSmith. It assumes the 450 ohm ladder-line has a velocity factor of 0.9. The following are only starting points. Every antenna is different. This one was modeled at 40 ft high and horizontal. As the frequency goes up the unknowns multiply so this data tends to be much more accurate for the lower frequencies. Conditions repeat on a transmission every 1/2 wavelength so if going one direction makes matters worse, simply go the other direction. Hopefully, I didn't make any data entry typos, like forgetting the minus sign on a reactance, which will make that data completely wrong. The capacitor location is in feet from the antenna.

Frequency	capacitor value	capacitor location
3.8 MHz	393 pf	32 ft
7.2 MHz	119 pf	44 ft
10.125 MHz	112 pf	25 ft
14.2 MHz	41 pf	37 ft
18.14 MHz	52 pf	41 ft
21.3 MHz	43 pf	31 ft
24.95 MHz	23 pf	34 ft
28.4 MHz	30 pf	42 ft

It seems obvious to use a 15-150 pf variable cap for this application and switch in one larger cap for 75m.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: john andrews <jm165723@eee.org>
Subject: [8842] Mini-Circuits RF/IF Designers handbook- a review (Sorta)
Message-ID: <32DC24FF.284B@eee.org>

Hi gang:

In a recent message someone mentioned that Mini-Circuits had a new manual out on their products.

This is a mini-review of the contents:

Actually there are three:

1. RF/IF Designers Handbook

Hardbound -about 700+ pages

Copyright date 1992

This book is a catalog of the over 1000 Mini-Circuits' products available. In addition to the common SBL-1 most of us are so familiar with, it is sprinkled with application notes, FAQ's, charts, and tutorials on mixers/splitters/amps/etc.

Every effort has been made to make it easy to use their product. Pin-outs, spacing, loss, swr tables are in abundance. Information has been provided for the direct replacement of competitive manufacturers products.

Those interested in SMT/SMD technology will find the tutorial on SMT mounting of great value.

2. RF/IF Design Guide-

A condensed version of the above- 178 pages

3. Errata sheets in booklet form.

Mini-Circuits

PO Box 350166

Brooklyn, NY 11235-0003

<http://www.minicircuits.com>

Free for the asking

(If this is just a manual to put on the shelf for "looks", I suggest you NOT order it. It shows up in the price we pay for products).

Standard disclaimer- Have no financial interest, not employed by, etc.

72, John -N5INZ (Written within the Public Domain)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>

Subject: [8903] Monday Night Fox

Message-ID: <M28882685.011.27d7b.1.970115170323Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

I was only on for the last hour of the Fox hunt. Conditions here were exceptionally lousy due to the winter storm in the area... Very noisy conditions.

After slowly sweeping up and down the band for 45 minutes, I found him! He was signing "/QRP" which probably caused me to pass him by earlier. It seemed a bit redundant.... Fox means QRP!

As I listened to him for the final 15 minutes, the fox was at best a 339 here in Phoenix. I fired off several shots, but no response. In the last 15 minutes, I heard only one other station (Texas) call, which he worked. No hunters!!!! It must have been a *very* slow night as the fox.

- Dan Tayloe, KK7BD, Phoenix, AZ, QRP1 # 696, Az ScQRPions

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: ji3m@maxwell.com (James R. Duffey)
Subject: [8905] N100Q RX Posts and IF gain
Message-ID: <v0213050baf02bcdbe55e@[192.31.66.229]>

Tom asked -

"These N100Q RX postings are intended to be a learning exercise for the QRP-L folks, so if you have questions or comments, post them! How's the level of detail? Too much or too little?"

Tom - I like your posts. I don't always read all of them, but if you are discussing a topic of interest to me I usually read it. I always skim them. Good stuff. When you are finished with them all I propose you put them in a single file and make it available to FTP.

I have a question about your IF filters and gain distribution. I assume from your posts that you are using two IF filter bandwidths, one for CW and one for SSB. How are you normalizing the gain through the filters, or maybe I should ask are you normalizing the gain through the filters? There are at least two ways to do this, one is to adjust the gain so that the signal strength is the same through the filters. This will have the effect of lowering the noise when using the CW filter. The second method is to adjust the gain so that the integrated noise is the same through the filters, this will have the effect of increasing the signal strength when using the CW filter. This technique of normalizing the gain so that the noise is the

same seems to be the most transparent to the user, that is unless there is a signal present there is no indication to the user that the bandwidth has changed. Sherwood touches on this subject in his December 1977 Ham Radio article. Most commercial rigs do not normalize at all which results in both the noise and signal changing when bandwidths are changed. This normalization would require an additional IF amplifier for the CW filter.

Keep us posted. - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [8919] N38S number
Message-ID: <01IE8UKBTS2Q8WXNAP@tntech.edu>

all,

I notice people quoting their purchase number. Mine is suppose to be a surprise Xmas/birthday present.. never heard whether anyone actually received my XYL's check.. how do you find out if you are on the list and what number you are?

thanks
72
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [8882] NC38S #1 is Alive
Message-ID: <199701150739.HAA04533@chuck.dallas.sgi.com>

Gang,

Well, sorry the film is late, but I did have difficulty getting into a free modem at work.

What I can say? A lot but I am working on work, really and don't have too many free cycles right now.

1. The manual is fantastic. You'll really love the cover. Photo of a 'real' 38 special with three bullets and the NC38S. A few spelling errors, but who's counting? The best toroid winding diagrams that I've seen in some time. NA5N's addition on the last page is great. You have to see it.
2. PC Board is super duper. One of those double sided solder masked plated through holes silk screened puppies. Board is done by the same people that do the NorCal/Wilderness Radio PC boards for the Sierra etc. I think I have all that right. Anyway, fantastic board.
3. The parts were all there including the extra toroid and bead. Good quality. Jim and Doug did a great job of packing.
4. It took me less than 3 hrs to finish. Not giving out the exact time 'cuz it's not a race. Take your time and do the best job that you can do. It's how long it takes to debug that really counts. My debug time is 0.0 seconds. It came up first time and cap was just about right for the max signal in the receiver.

I substituted a 6.2uH choke for L1 instead of the 4.7uH supplied with the kit. This gave me a tuning range of 10.100MHz to 10.122MHz.

Board is 3x4" and with all the parts on the board weighs in a 1.8oz before the tuning, RF gain, stereo connectors and I haven't installed the TiCK chip etc. That's tomorrow nights project.

I even took a couple of breaks to check on the fox but not heard here. Next week for sure. :-) TX breaking out in the lead again.

OK, I'll be hanging around 10.116 or so each evening as soon as I get home hoping for a first 38 to 38 QSO. #1 will be left stock. #2 will go with the IRF510 upgrade to 2W or so. I'm gonna go with the TenTec TP-41 case, roomy but not too large.

Updates as they occur.

I thought it humorous that the question came up on pricing for the board and Doug came back with the \$25 price. :-) I don't think anyone can populate the board any cheaper than what Doug et.al. provide. My time and gas is much too valuable to even consider

going out to gather all the parts. Few of us (I personally have a lifetime supply of 1/4W resistors with over 11,000 in stock in the 'junk box') will have everything in the shack to do this. Crystals are gonna be tough to find and match or time to mailorder. So my personal recommendation is get a good deal and buy the whole kit. Hey. \$25 + \$3 S&H is the best deal around right now. IMHO. I don't get any kickback for this.

I think it is great that over 500 people thought enough of the NorCal project to shell out the coin and order one. I know that I got my money's worth and look forward to the number of 38 to 38 QSOs we can generate in the coming years. See you on 30 soon.

..

SIG

Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [8852] OHR kits and solder
Message-ID: <8D01498.000400183B.uuout@cheaha.com>

Ok, I'm going into motion on putting together an Oak Hills WM-2 watter-meter and a OHR-400. These will be my 2nd and 3rd kit that I will have built, thus I'm still a rather green novice here.

My first question comes from the first page of both instruction manuals. They both state to use rosin solder. I used RS silver solder on the Norcal 40a and it seemed to work well. Is the silver solder considered a rosin core solder or is it entirely different? If different, then I guess I need to use the rosin core that the manual reccomends. Comments anyone?

Also, I've seen messages talking about solder flux and the need to wash the circuit boards after soldering. I never washed the Norcal and things seem "ok". I'm asuming that the "flux is the clear substance that I've see when using rosin solder on antenna connections and PL-259s. Once again....comments anyone?

Tnx a million fer the help!

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [8913] Philosophy on shipping

Message-ID: <Pine.3.89.9701151324.I2332-0100000@w3eax.umd.edu>

Yes, I've thought about using USPS, but I will here only when specifically asked to (like to Alaska or Hawaii).

I use the Postal Service when:

- 1) The item is cheap (insurance is 75 cents for \$50, but goes up fast)
- 2) The item is LIGHT (charge by weight, almost linearly)
- 3) It has to get there quickly (2-3 days for 1st class)

I use UPS for everything else. Why?

- 1) Insurance is 35 cents per \$100 dollars OVER the first \$100 (cheap!)
- 2) They charge a base for taking your package - additional weight does not increase cost linearly
- 3) You get a receipt for each package with the ability to track it

As far as express mail boxes go, I don't much like their thickness.

My philosophy is that if it gets there damaged, it might as well have not been sent at all.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: Stanley Wilson <microres@crl.com>

Subject: [8908] Printed Circuit Layout Software

Message-ID: <Pine.SUN.3.91.970115101659.6456A-100000@crl7.crl.com>

I know this has been ask before, but I seem to have misplace the answers. Please reply direct microres@crl.com

I am looking for a reasonable priced software package for schematic and PC layout. i.e. something for 6 to 10 IC's. Something with a electronic library. KeyCad does not meet my library requirements. But I do not need a \$1000 package. Be nice to find something I can try on the internet before purchase.

I would like to have some sort of manual. hate software I have to teach myself from trial and error.

Thanks, Stan ak0b

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: jdenison@aisp.net (JOEL DENISON)

Subject: [8890] qrp to the outer banks

Message-ID: <19970115143647219.AAA155@slip8.ts-f-merrill.caps.maine.edu>

High all bodies!

I'm back from my qrp expedition to the outer banks of NC and will post a short account of the trip later today. (Joel)

gear qrp+ xcvr, radio shack 4AH battery, inverted vee

God Bless

Joel

WA5CVM

Joel Denison

81 High street

Farmington, Maine 04938

jdenison@aisp.net

40 mtr dipole up 40ft

QRP ARCI 4066 NEW ENGLAND QRP 467 QRP-L 765

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: John Fletcher <johnf@innotts.co.uk>

Subject: [8912] Radioactive Paint * WARNING *

Message-ID: <199701151925.TAA23217@carlton.innotts.co.uk>

Howdy All!

My first posting in '97, so a belated Happy New Year to everyone on the list.

I have here a couple of sixties (?) vintage Wireless Set 128s. These are battery-valve (sorry, tube) transmitter-receivers covering 2 to 8MHz and were perhaps the last of the British "spy" sets to use thermionics throughout. The WS128 transmitter has a round milliammeter to indicate plate current. It has spots of sinister-looking paint on the face and a line of similar on the needle. I gave both of mine the dark room test and neither showed any sign of glow. I took them to work and they both failed the silence test when shown to a crackling machine. Just because the paint doesn't glow, that does NOT mean it isn't radioactive. If at all possible, have someone go over the gear with a Geiger counter or ratemeter. If in doubt, assume it's hot. I think the phosphor loses its glow long before the isotope loses its crackle. If I can find some quiet meters to fit the holes, I'll buy them.

Ob QRP; the WS128 runs about a Watt out. When I get around to using it.

P.S. FSFD score so far; 0.

*** ** *

Valve Watts Go Further!

72 de John G4EDX G-QRP Club No. 2038

*** ** *

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: lhalliday@creo.bc.ca
Subject: [8935] Re[2]: Direct Digital Synthesiser by G4OPE
Message-ID: <9700158533.AA853371384@mail2.creo.bc.ca>

Stephen Lee wrote:

> I spoke with a gal by the name of Marlene and she read off the specs
> to me which included a notation that magnitude and direction must be
> provided for. Since this is a 2-bit quad encoder I take this to mean
> the circuitry must be user provided in order to determine signal
> magnitude and direction. Will find out soon enough as I ordered
> three today. Oh, spec sheet is also included.

Reading a shaft encoder and deducing what's happening is actually pretty easy. The outputs look like this:

I	Q
0	0
0	1
1	1
1	0

...and then the cycle repeats. You will see that going one direction, the Q output is always different from the last I output. In the other direction, they're always the same. So a simple polling loop will read the encoder, wait for a change, compare the old and new status with an exclusive-OR and act accordingly. Here's an excerpt from the PBasic source for my DDS - I trust it's fairly obvious how the variables and I/O lines are defined:

```
----- cut here -----

MainLoop:
    EncoderI = InputI
    EncoderQ = InputQ

BusyWait:
    if EncoderI = InputI and EncoderQ = InputQ then BusyWait

    TurnTest = InputQ ^ EncoderI
    if TurnTest = 0 then LoopUp
    goto LoopDown

LoopUp:
    gosub DDSUp
    goto MainLoop

LoopDown:
    gosub DDSDown
    goto MainLoop

----- cut here -----
```

My system uses a Grayhill shaft encoder that I bought from Digi-Key, but the functions are exactly the same.

Laura Halliday VE7LDH
 lhalliday@creo.com
 ve7ldh@amsat.org
 Locator: CN89mg

"C'est une femme mutine, assez
 elegante, grave et legere, ayant le
 sens du confort et du plaisir
 en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [8898] Source for concentric pots
Message-ID: <Pine.3.89.9701151033.A1789-0100000@w3eax.umd.edu>

Ten-Tec uses concentric pots on nearly all of their radios. I had one go bad once and they sent me a new one.

Obviously, you could get one from them, too.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [8862] Success!!
Message-ID: <970115031558_70511.3041_IHD90-1@CompuServe.COM>

Randy:

Believe my clock was off by five minutes. So our QSO should probably have been logged at 0223UTC rather than 0218UTC.

Have continued to listen to the hunt. Your signal is still there amidst really rough QRM and QRN. The XE continues QSOing right on 7037, so glad you moved off a little.

Anyway, thanks again for doing a FB job as FOX.

72/73,
--Doc/K0EVZ QRP-L #861

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: pablo@tron.upr.clu.edu (pablo)
Subject: [8864] Thanks ! was USENET ? What is it?
Message-ID: <9701142333.AA21510@tron.upr.clu.edu>

Thank you Guys for all the replies. I now have a better idea of what

USENET is and how to get connected. I found out that my UNIX terminal doesn't have anyone of the News Readers you mentioned in your E-Mail. I think I will need a shareware version and use it on my own UNIX account. I will keep searching for a solution. BTW I'm sorry to use QRP-L for this kind of subject, but every time I try to send an E-MAIL to a ???@aol.com it bounces back so, it was imposibble to E-MAIL strictly to those fellows that replied to my message. SEE YA!

72 es GL
Pablo
WP4JXD

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: bruce muscolino <w6toy@pop.erols.com>
Subject: [8884] The AOL Controversy
Message-ID: <199701151245.HAA11385@mx06.erols.com>

For those of you following the AOL controversy...

On the news last night was the announcement that AOL users in California are bringing a \$20 million dollar class action suit against AOL for poor/no service. Also, Sunday's Washington Post had several pages of help wanted ads from AOL and its subsidiaries. Could help be on the way?

--

Bruce -- W6TOY/3
Still QRP, Really! (c)

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: k5vp@earthlink.net (Kevin Potter)
Subject: [8892] The AOL Controversy
Message-ID: <v01540b01af02a139df66@[206.250.92.65]>

>

>For those of you following the AOL controversy...

>

>On the news last night was the announcement that AOL users in California are
>bringing a \$20 million dollar class action suit against AOL for poor/no
>service. Also, Sunday's Washington Post had several pages of help wanted
>ads from AOL and its subsidiaries. Could help be on the way?

>--

>Bruce -- W6TOY/3
>Still QRP, Really! (c)

These poor new highers at AOL. As soon as this emergency is over, they'll get pinkslipped.

KP

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Martin Squicciarini <skitch@resuba.com>
Subject: [8885] TiCK chip
Message-ID: <Pine.LNX.3.91.970115075553.11222C-100000@resuba.com>

Has anyone received their TiCK chip yet. My 38S should be here soon #96 and would like to work on it this weekend.

72/73
Marty Squicciarini NR3Z
skitch@resuba.com (home)
msquicci@vf.lmms.lmco.com (work)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [8909] TiCK chip arrives
Message-ID: <1.5.4.16.19970115112412.2f5ff81e@telis.org>

I received two TiCK chips in the mail from Embedded Research yesterday. Nice documentation, good packing, and a quality product. If you guys don't buy one of these for your 38 Special, you are missing the boat. The \$5 price tag is the best bargain I have ever seen in a keyer chip. Thanks Gary and Brad. I am not connected with Embedded Research, and I paid for my chips. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: rright@primenet.com (Roger Hightower)
Subject: [8860] Tough ole Fox hiding in the noise
Message-ID: <199701150302.UAA28776@primenet.com>

Wow! Randy was right around 7.037.33, hiding in some S-9 noise. Heard

AB7MY (I think) but no Randy, then he sneaked out to call cq, and after the third call or so he heard me. Could only give him a 339, but by golly I caught another one.

Tough copy with the noise level and some XE's calling close by.

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC-40A, OHR Explorer 20, 30M, OHR400, HW-8, HW-9 and more to
come.
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [8874] Tough ole Fox hiding in the noise
Message-ID: <970115044150_70511.3041_IHD58-1@CompuServe.COM>

Roger:

Also caught him at 339 amidst some of the fiercest QRN and QRM I have encountered. Felt really lucky I worked him as early as possible, as it got *worse* after that! Other guys say he was very strong at their QTH, but not here. I listened to the hunt for over another hour, but his signals never reached above S4 here.

OTOH, I did finally work one in 1997. Have had really rough band condx here since the end of 1996. Was beginning to believe something had gone wrong, since had 6 FOXes in the last 5-6 weeks of 1996.

Maybe this signals (sorry) the beginning of improved condx here. Hope so. Anyway, congrats!

72/73,
--Doc/K0EVZ QRP-L #861

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [8856] Tue nite Fox
Message-ID: <Pine.SUN.3.90.970114181306.11856A@vortex.sage.dri.edu>

Hey all.....

Just worked Randy, KS4L.....Good sig into Nevada and I don't hear anyone else calling.....

He is at 7037+ a few cycles, in the clear.

Go get em'.....

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [8859] Tue nite Fox
Message-ID: <970115025555_70511.3041_IHD99-2@CompuServe.COM>

Ron:

YEP...managed to sneak up on him at 0218 at about 7037.5 or so. Very heavy QRN here, plus some QSO's very nearby. And I got so excited i messed up thr exchange and took too long. But at least finally got it done, though not real smooth! I gave him only a 339 RST, and a few minutes he really went down into the noise level here.

This was my *first* FOX in 1997. Maybe it will get better from here. Let't hope so. And congratulations!

72/73,

--Doc/K0EVZ QRP-L #861

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Michael Connor" <mikec@primenet.com>
Subject: [8917] WTB: paddles
Message-ID: <199701152016.NAA03327@primenet.com>

Gang,

I'm looking for a set of iambic paddles for a friend who's straight key hand is beginning to get a little shaky. Does anyone have anything they're not

using anymore that they'd like to get rid of? Doesn't have to be fancy or pretty, or even working. Fixable is fine too.:~)

Thanks,
Mike
NQ7K
Phoenix, AZ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Joe Gervais <vole@primenet.com>
Subject: [8922] [FOX] Re: Monday Night Fox
Message-ID: <199701152144.0AA09371@primenet.com>

Howdy Folks,

Dan (KK7BD) wrote:

> I was only on for the last hour of the Fox hunt.
> ...
> After slowly sweeping up and down the band for 45 minutes, I found
> him! He was signing "/QRP" which probably caused me to pass him by
> earlier.

Wait... no... ARGH! I *heard* that signal! Several times!
Passed it by in a tightly focused hunt for the Fox! Argh!
And the irony to this tragedy is that normally when I hear
someone signing /QRP, I'll drop what I'm doing and get on
the air to work 'em. EXCEPT when I'm Fox hunting.... Argh!

So, in summary, Argh!

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Joe Gervais <vole@primenet.com>
Subject: [8886] [FOX] Skunked yet again...
Message-ID: <199701151348.GAA16467@primenet.com>

Howdy All,

Argh! Seems all of AZ got to work the Fox except for me! :-/ Biggest problem was that I had *exactly* 7 minutes to find and work him - I'd gotten home late and had promised the family we'd go out for dinner.

I got home at 7:33. They gave me 'til 7:40. My parole officers aren't a very lenient bunch. :-) 7 minutes of QRN and an XE. At least I was close!

And I've got half a dozen other excuses too. The cats ate my straight key. My RF got stuck in the F-layer and wouldn't come out (*knew* I should've put the RF grease on the antenna last week....). Waaah! Waaah!

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Kevin Potter <k5vp@earthlink.net>
Subject: [8851] [Fwd: Mini-Circuits RF/IF Designers handbook- a review (Sorta)]
Message-ID: <32DBBF58.2CC3@earthlink.net>

This is a multi-part message in MIME format.

-----ED03DDA57C0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> <http://www.minicircuits.com>

This URL is being updated until Friday 1/17/97.

Kp

-----ED03DDA57C0
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Received: from fidoii.CC.Lehigh.EDU (fidoii.CC.Lehigh.EDU [128.180.1.4]) by bulgaria.it.earthlink.net (8.7.5/8.7.3) with ESMTP id QAA27177 for <k5vp@earthlink.net>; Tue, 14 Jan 1997 16:33:47 -0800 (PST)
Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.lehigh.edu with SMTP id <35194-24584>; Tue, 14 Jan 1997 19:32:55 -0500
Received: from nss2.CC.Lehigh.EDU ([128.180.1.26]) by fidoii.cc.lehigh.edu with

ESMTP id <34835-42762>; Tue, 14 Jan 1997 19:30:16 -0500
Received: from omail.eee.org (omail.eee.org [163.150.1.3])
by nss2.CC.Lehigh.EDU (8.8.4/8.8.4) with ESMTP
id TAA42424 for <qrp-1@lehigh.edu>; Tue, 14 Jan 1997 19:30:09 -0500
Received: from my-computer (sbuser28.eee.org) by omail.eee.org with SMTP
(1.39.111.2/16.2) id AA234858029; Tue, 14 Jan 1997 16:27:09 -0800
Message-Id: <32DC24FF.284B@eee.org>
From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [8850] Re: 102ft dipole on 75m
Message-ID: <32DC253B.44BC@earthlink.net>

Hi Cecil,

I am interested in the capacitances and the mounting points for the other bands. Would you please calculate and post those as well?

Thanks, es 73
Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: kt3a@juno.com
Subject: [8855] Re: 38S Boards?
Message-ID: <19970114.210146.5183.1.kt3a@juno.com>

Doug and other 38S fans,

I thought about building my 38 special inside a 38 special....or at least an imitation .38 for the contest. Gee, I could use the trigger for a key, tune the VX0 with the tumbler, and use the...and then I thought about the calls to to local park police when I'm in the middle of working DX in the park. There I am sitting on the picnic table when I'm suddenly surrounded....and then I thought about taking my 38 special on my next business flight, as I go through the xray machine, a small group of inspectors are suddenly giving me stares.... And then I woke up and realized it was a bad idea. Maybe W2NRA or KU7Y could help me out here.

Maybe I ought to just dream about what to put the rainbow tuner in.....let's see....if I use a prism...

72, Cam, kt3a

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [8870] Re: 38S Boards?
Message-ID: <Pine.SUN.3.90.970114200904.12174B-1000000@vortex.sage.dri.edu>

On Tue, 14 Jan 1997 kt3a@juno.com wrote:

> ...or at least an imitation .38 for the
> contest. Gee, I could use the trigger for a key,
> tune the VX0 with the tumbler, and use the...

Hmmmmmm, now what the heck is a tumbler???? I know some
who clean their brass in a rock tumbler, but on a gun???

Surely you mean the cyclinder!

I was thinking about making an assult .38 SPL..... :-)
We could rename it the Klinton Special.....

> I thought about the calls to to local park police
> when I'm in the middle of working DX in the park.
> There I am sitting on the picnic table when I'm
> suddenly surrounded....and then I thought about
> taking my 38 special on my next business flight,
> as I go through the xray machine, a small group
> of inspectors are suddenly giving me stares....
> And then I woke up and realized it was a bad idea.

Just take Niles with you to explain what you are up to. :-)

> Maybe W2NRA or KU7Y could help me out here.

Gee, I wonder what made you think of either of us???

> Maybe I ought to just dream about what to put the
> rainbow tuner in.....let's see....if I use a prism...

Maybe your getting too much sleep.....maybe Niles will
share his Tapicoa with you.....

Lets see, Thompson made a .45 known as the "Tommy" gun.....
if I build it for 40m, put the power up to 5w and make the
keyer automatic, could I call it a .45 Tommy Gun????

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Jess Gypin <jessqrp@concentric.net>
Subject: [8847] Re: 40 Meter Insanity (Heard Island)
Message-ID: <32DC2B04.3D73@concentric.net>

Jess Gypin wrote:

>
> Best
> Jess N0TFI (Glad I'm not a QRP DX hound anymore ;-0)
> <http://home.concentric.net/~jessqrp>

Dag nabbit!!!!!! Shuda been QRO QRO QRO DX hound not QRP! Where's that
pill bottle.....AHA!

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: dcscott@us.ibm.com
Subject: Re: AOL comment from Wayne

Classification:

Prologue:

Epilogue:

Joe,

I have been using a 'national' internet provider for over three years and would agree with Wayne's comments about its usefulness. Whether I'm at my home qth (Redmond, WA) over in Coeur d' Alene, Idaho or traveling on business, I can not only pick up my email without having to make a long distance phone call but I can also telnet to an internet/packet gateway and retrieve my packet messages off of my local packet bbs. Kind of fun to be able to read and respond to my packet when I'm in Dallas, Chicago, or wherever.

AOL is not the only and certainly not the first to offer \$19.95 unlimited access. I used Netcom for three years and just switched over to IBM. We have accessed IBM over 50 times in the past week and am yet to get a busy signal or a disconnect. My reason for going with IBM was that they offer the ability to have up to 5 separate email address (with meaningful aliases) under one account at no additional charge. This way my wife, my daughter, and myself can have our mail separated.

For a really great review of the different internet providers, the services they offer, and a review of how well they are serving their customers pick up the February issue of PCWORLD. As an alternative you can read the review at <http://pcworld.com>

72/73 de kc7khd (Dale)

----- Forwarded by Dale Scott/Seattle/IBM on 01-14-97 12:27 PM -----

owner-qrp-1 @ Lehigh.EDU
01-14-97 07:56 PM

Please respond to joe@sugar-river.net@internet

cc:

Subject: Re: AOL comment from Wayne

Wayne has given me permission to post his email to me to the net.
Thanks for the call, Wayne.

On Mon, 13 Jan 1997 Wayneb1103@aol.com wrote:

> You mean not everyone on this list is using an independent,
> local-call , \$20/ month with unlimited time, ISP ?
>
> W H Y N O T ?
>
> Well, for one reason I can go anywhere in the country, log into a local phone
> number and collect my E-mail for the price of a local call. Having spent
> years with local providers I can honestly say that AOL has more to offer for
> the money and the new flat rate is a bargain. They are having some problems
> with overload at the moment but they are adding new and more equipment to
> solve the problem. Also with everyone bailing out I am confident the problem
> will be solved that much sooner.
>
> 73's
>
> Wayne WB7WHI
> Spokane, Wa.

I have not thought of the advantage of the being able to hook in all over the country. Hmmm. This is a new insight for me. Would you mind me forwarding your reply to the qrp-l ? I think it perhaps balances the scale a little bit, though I still deplore AOL's business practice.

Best Regards,

Joe Hartmann Tel: (603) 863 6073
K2AJV -issued email: joeh@sugar-river.net
1951 home-page: <http://www.sugar-river.net/~joeh>

First Student at the:

Linux Academy in the Sunshine Town of Newport, NH

Thanks to RMS, Linus, and other contributors of free software!
----- I grant this to the public domain -----

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Joseph L. Hartmann, Jr." <joeh@sugar-river.net>
Subject: [8854] Re: AOL comment from Wayne
Message-ID: <Pine.BSD/.3.91.970114213356.22859A-1000000@arakis.sugar-river.net>

Dale has just advised me of an error in the URL contained in his msg,
which I forwarded to the list:

Dale mentioned a review of the various Internet Service Providers.

The URL Dale referenced should be: <http://www.pcworld.com>

Joe H.

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Joseph L. Hartmann, Jr." <joeh@sugar-river.net>
Subject: [8853] Re: AOL comment from Wayne (fwd)
Message-ID: <Pine.BSD/.3.91.970114212040.13314F-1000000@arakis.sugar-river.net>

Dale gave me permission to forward this to the list.

Joe H.

----- Forwarded message -----

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: amarriot@Direct.CA (Albert Daniel Marriott)

Subject: [8865] Re: Dan's NW8020

Message-ID: <199701150343.TAA16615@aphex.direct.ca>

Jeff and others,

I read Jeff's email of 1/13/97 regarding the cct board of the NW8020. I am in the early stages of constructing the same kit and really appreciated Jeff's comments. You saved me a great deal of time and frustration by pin pointing the error. I looked at the instructions, then did a continuity test on the "extra" ground. I believe it is a flaw in the board. It is a mistake where the circle of connection foil infringes upon the neighbouring ground. And, it is much easier to correct before populating the board, I agree.

Somone should let Dan know. Does he have an email address? I only have a long distance telephone number for his business. If I don't get an email address, I would call him but prefer to take the low cost route first.

Thanks again Jeff.

73

Dan VE7CTN

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: NilsBull@aol.com

Subject: [8927] Re: Direct Digital Synthesiser by G4OPE

Message-ID: <970115172433_747181737@emout11.mail.aol.com>

Last year, almost a week before the Hamvention, the local surplus joint -- which is a hoot to visit, since everyone there thinks that I'm absolutely normal -- had a big box of optical encoders (double reads, so you had a velocity & direction set to work with) and at reasonable prices. And remember, they think I'm normal, so the prices were damn reasonable. Ridiculous some might say.

I ain't been there in a while -- at least since they reorganized their shelves for security purposes -- so I ain't sure if they still have the little encoder dudes. But here's the info:

Midwest Surplus
501 West Main Street
Fairborn, OH 45324
(937) 879-2250

They have a fax number, but I don't do faxes, so you'll have to call and ask Roger for the info. You can tell him that the curly haired silly guy set you on him. The same guy who does a Beavis impersonation with a Norwegian accent while reading the fine print on the resistor code card next to the capacitors and pliers. He'll know. Then he might charge you less. Or more. It's your chance in a million to be adored or vilified. Think of it! No, don't. No, go ahead and think of it. No, don't. Ah, heck... do something. Sieze the carp. Whatever.

Who knows. You might get some digital shaft encoders without getting shafted.

73
Nils
WB8IJN +c

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [8932] Re: Direct Digital Synthesiser by G40PE
Message-ID: <Pine.A41.3.95b.970115150213.123592A-100000@homer08.u.washington.edu>

Thanks for the heads-up Nils. I called Midwest Surplus just now.
BTW...they do have a 1-800 number: 1-800-523-3690. Here's the scoop:

These are Bornes Digital Rotary Shaft Encoders,
Bornes P/N:ENA1J-418-L00128, 2-bit quad encoder,
128 cycles per revolution, max current draw 26 mA.
Midwest Supply P/N: 10-11 (no minimum \$ purchase)
Price: \$6.95 ea, Shipping fee:\$4.95 per order

I spoke with a gal by the name of Marlene and she read off the specs to me which included a notation that magnitude and direction must be provided for. Since this is a 2-bit quad encoder I take this to mean the circuitry must be user provided in order to determine signal magnitude and direction. Will find out soon enough as I ordered three today. Oh, spec sheet is also included.

Enjoy!
Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Vic Rosenthal <rakefet@rakefet.com>
Subject: [8904] Re: Dust Covers
Message-ID: <32DD0F8A.1383@rakefet.com>

Craig J. Sterling wrote:

>
> Greetings,
>
> Just received my dust-cover for my Kent Paddles. Really really
> nice....clear plexi with my call engraved and only \$14.00 with shipping.
>
> I have no financial interest in these items, just wanted to pass on a
> useful product. The manufacturer advertises in QST, but didn't mention
> Kent Paddles. I called him and he said he could get the measurements
> and make me one. In less than a week I had a finished piece! So those
> familiar with his ad in QST classified under dust-covers...HE DOES DO
> KENT!
>
> CU,
> Craig, AA3MD
>
> Larry Stamm, WB3EVL
> 28 Topton Road
> Kutztown, PA 19530
> E-Mail: lstamm@early.com

I wonder if he'd do one for a bug? Worth asking, and I'll post the result.

Vic K2VCO

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [8841] Re: G3YCC 5 WATT PA
Message-ID: <Roam.3.0.1.853278002.18856.myers@bigboy>

Frank, G3YCC, wrote:

> Direct url is
> <http://www.demon.co.uk/mospa.htm>
> I can see it OK!

I think you mean: <http://www.gqrpclub.demon.co.uk/mospa.htm> ;-)

Wow! 400mA bias current at 24V - sounds like a class-A design...

Dana K6JQ
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [8911] Re: LDG group buy continueth
Message-ID: <Pine.GS0.3.95.970115135948.5352A-100000@conciliator.acsu.buffalo.edu>

HI Scott,
You might consider using priority mail to ship the tuners.
Wilderness radio uses it.
The post office will supply the shipping container and the postage is only \$3 for 2 day delivery. If everyone supplies a shipping label : you will only have to stick the stuff in the boxes and put your return label on .
I would save you considerable time.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [8929] Re: Matching a 102 ft dipole

I apologize. I didn't use enough segments when I ran the antenna impedances under EZNEC. Please disregard the values in my previous posting. I will re-run everything and post the valid results tonight. Again I apologize - any way to delete that posting?

73, Cecil, W6RCA

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: john andrews <jm165723@eee.org>
Subject: Mini-Circuits RF/IF Designers handbook- a review (Sorta)

Hi gang:

In a recent message someone mentioned that Mini-Circuits had a new manual out on their products.

This is a mini-review of the contents:

Actually there are three:

1. RF/IF Designers Handbook

Hardbound -about 700+ pages

Copyright date 1992

This book is a catalog of the over 1000 Mini-Circuits' products available. In addition to the common SBL-1 most of us are so familiar with, it is sprinkled with application notes, FAQ's, charts, and tutorials on mixers/splitters/amps/etc.

Every effort has been made to make it easy to use their product. Pin-outs, spacing, loss, swr tables are in abundance. Information has been provided for the direct replacement of competitive manufacturers products.

Those interested in SMT/SMD technology will find the tutorial on SMT mounting of great value.

2. RF/IF Design Guide-

A condensed version of the above- 178 pages

3. Errata sheets in booklet form.

Mini-Circuits

PO Box 350166

Brooklyn, NY 11235-0003

<http://www.minicircuits.com>

Free for the asking

(If this is just a manual to put on the shelf for "looks", I suggest you NOT order it. It shows up in the price we pay for products).

Standard disclaimer- Have no financial interest, not employed by, etc.

72, John -N5INZ (Written within the Public Domain)

-----ED03DDA57C0--

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: 15-Jan-1997 1541 <randolph@asic.ENET.dec.com>
Subject: [8920] re: N100Q RX Posts and IF gain
Message-ID: <9701152108.AA06009@us3rmc.pa.dec.com>

Duffey KK6MC/5 asks:

> I have a question about your IF filters and gain distribution. I assume
> from your posts that you are using two IF filter bandwidths, one for CW and
> one for SSB. How are you normalizing the gain through the filters, or maybe
> I should ask are you normalizing the gain through the filters? There are at

Yup, two different filters. I was just going to ignore the difference in gain and/or noise. I've never had a two-filter radio... how annoying is it?

The difference in noise would be about $\sqrt{2500/500}$, which is 2.24 or 3.5 dB. The difference in gain will depend on the insertion loss of the filters, which aren't built yet!

=====
Tom Randolph N100Q NE-QRP 419 QRP-L 87 ARRL randolph@asic.enet.dec.com
=====

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Joseph L. Hartmann, Jr." <joeh@sugar-river.net>
Subject: [8858] Re: OHR kits and solder
Message-ID: <Pine.BSD/.3.91.970114222226.6681D-100000@arakis.sugar-river.net>

On Tue, 14 Jan 1997, ED WELCH wrote:

> Also, I've seen messages talking about solder flux and the need to wash
> the circuit boards after soldering. I never washed the Norcal and
> things seem "ok". I'm assuming that the "flux is the clear substance
> that I've see when using rosin solder on antenna connections and
> PL-259s. Once again....comments anyone?

Kester once (many years ago) put out a soldering manual in which they advised their ordinary customers never to try to

clean up the rosin residue. Only customers with the highest tech cleaning equipment were advised to try to clean the flux from the boards. The reason they gave was that many times the attempted cleaning activates the flux in some way and makes it corrosive, which it is *not* after the normal soldering operation.

This is all from memory. And possibly there is some more up-to-date protocol suggested.

Anyways, that's all I know.

Best Regards,

Joe Hartmann Tel: (603) 863 6073
K2AJV -issued email: joeh@sugar-river.net
1951 home-page: <http://www.sugar-river.net/~joeh>

First Student at the:

Linux Academy in the Sunshine Town of Newport, NH

Thanks to RMS, Linus, and other contributors of free software!
----- I grant this to the public domain -----

>
> Tnx a million fer the help!
>
> 72/73
> Ed Welch KF4KRV
> QRP-L #873
> Luverne, Alabama
> Crenshaw County - Grid EM61
> +-----+
> -----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
> +-----+
>
> > Isn't "time" a 4-letter word? <
>
>
>

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [8861] Re: OHR kits and solder
Message-ID: <1997Jan14.220207-0500@[130.113.234.7]>

Just pulled the Kester book off the shelf (SOLDER...its fundamentals and usage) and read the chapter on rosin fluxes...

Joe is right. The flux in a "solid" state is inactive. When mixed with a solvent, it becomes active at room temperature. So you either MAKE SURE you've cleaned it ALL OFF, or you leave it alone in its solid form in harmless little crystalline blobs.

(great memory, Joe. This book was 1954 - 1965.)

Glen VE3DNL

In <Pine.BSD/.3.91.970114222226.6681D-100000@arakis.sugar-river.net>, Joseph L. Hartmann, Jr. wrote:

>Kester once (many years ago) put out a soldering manual in
>which they advised their ordinary customers never to try to
>clean up the rosin residue. Only customers with the highest
>tech cleaning equipment were advised to try to clean the flux
>from the boards. The reason they gave was that many times the
>attempted cleaning activates the flux in some way and makes it
>corrosive, which it is *not* after the normal soldering
>operation.

>

>This is all from memory. And possibly there is some more
>up-to-date protocol suggested.

>

>Anyways, that's all I know.

>

>Best Regards,

>

>Joe Hartmann Tel: (603) 863 6073

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>

Subject: [8887] RE: Old Radios and Radioactive paint question

Message-ID: <36087.owen@apollo.eeel.nist.gov>

In message Tue, 14 Jan 1997 16:40:44 -0500 (EST), NilsBull@aol.com writes:

removing the

> glow-in-the-dark little markings on the front of the panel.

>

> Question is: Is the material in the glow in the dark bumps radioactive?

Nils

> WB8IJN +c

>

Nils I doubt that what you have is radioactive. If when left in the dark the glow stays constant then it's radioactive. If it requires it be hit by a light source first and then in the dark the glow slowly fades then it's just phosphor with no radioactive substance added.

What you really have to be careful of is some of the dishes at the Antique Mall. The Feista Ware that the Antiquers love and pay a premium for (only the very pretty ORANGE ones) has paint that is pure Uranimum Trioxide. BACK AWAY, very strong. We used one for a number of years to calibrate our Radiation meters and kept it in a lead pig when not used. Hopefully most of these dishes have be found and pulled. 72 Jim K4CGY qrp-l #72

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: "J. Skalski" <jskalski@acsu.buffalo.edu>

Subject: [8915] Re: Philosophy on shipping

Message-ID: <Pine.GSO.3.95.970115144730.6606A-100000@autarch.acsu.buffalo.edu>

It is hard to beat the price of priority mail being \$3.

To send a 2 pound package by UPS it costs \$3.74 and up to \$4.57 to California.

I have never lost a package in USPS so I am inclined to use the cheapest carrier.

I did have a damage claim with Ups this year. They paid it promptly. I think their service is great also.

73,

Jim N2GO

The Buffalo QRP CONNECTION

ARCI #9013 QRP-L #381

Life member ARRL

jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: "Robert D. Haslach" <rhaslach@CapAccess.org>

Subject: [8867] Re: Poor Nils!

Message-ID: <Pine.SUN.3.91-FP.970114230538.9784A-100000@cap1.capaccess.org>

On Tue, 14 Jan 1997, Laura wrote:

> >Is the material in the glow in the dark bumps radioactive?

> >Eh? Will I glow in the dark too?
> >73 Nils WB8IJN +c
>
> Nils, my friend...I don't know how to tell you this, but I think you may
> have already been exposed to some radioactive material! "Sir, step away
> from the shack and drop the glowing object...we are only here to help
> you..."
>
> (you gotta love Nils!)
>
> 73 de KJ7UN, Laura
>
> Laura Marino Lubner - Reese Creek Montana USA
> sputnik@imt.net <http://www.imt.net/~sputnik>
> GHRC / ARRL / 10-10 #68896 / FISTS #2785 / MARC / QRP-L # 790
>
>
We could work out the probabilities of a human of your age succumbing to
various negative health vectors - including radium ingestion - but I
suspect that the amounts involved are negibible compared with the amounts
of fallout we've all ingested since 1945 courtesy of various tests of
classified devices. As my old man said, the actuarial tables indicate a
higher probability I'll croak of old age before croaking of(fill in
whatever your want....)
with Macabre Regards,
Robert D. Haslach N3FRT
Bye

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [8872] Re: Poor Nils!
Message-ID: <Pine.SUN.3.90.970114202301.12174D-100000@vortex.sage.dri.edu>

On Tue, 14 Jan 1997, Robert D. Haslach wrote:

> As my old man said, the actuarial tables indicate a
> higher probability I'll croak of old age before croaking of(fill in
> whatever your want....)
> with Macabre Regards,

Amen Robert,

Amen!

(If all those scarry things were so bad, why is my whole generation

still here and doing well????)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "JOHN F. McCLUN" <JFM001@DENTAL3.AB.UMD.EDU>
Subject: [8897] RE: QRP+ RF gain control
Message-ID: <33DCB94651@dental3.ab.umd.edu>

Grover & Gang -

Any quick look through one of the 'HAM' publications will show a multitude of radios using AF/RF concentric controls. Icom, Kenwood, Yeasu all advertise units with such controls. An even quicker telephone call to one these companies will get you the part number and cost to "fix" your radio. NOTHING said that you have to have one of their radios, only that you want the part and cost to order a replacement part. Let them do the minimum ordering from Clarostat or whomever to meet their demands. I got mine for \$6.15 plus shipping, its a 10K/10K. Depending on whose you buy and which one (AF/RF or SQUELCH/RIT) you may get an on-off switch with it. I chose not too as I wanted a lit panel switch. Try Icom or Kenwood theirs are just about right, I know. Gud Luck!

72 & 73

John N3REY

Always QRP!

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [8880] Re: Radioactive paint
Message-ID: <19970114.225246.4647.10.DWink@juno.com>

On Tue, 14 Jan 1997 16:40:44 -0500 (EST) NilsBull@aol.com writes:

>I want to machine off the front panel just enough to level the surface
>Question is: Is the material in the glow in the dark bumps radioactive?

To check if it is radioactive, keep it in the dark a few hours, then go look at it without letting any light get to it. Let your eyes adjust a few minutes. If it glows without having recently been itself illuminated, then it is radioactive.

> If the paint is radioactive, then the machining will
> happen. I'll just build the radio into the box to suit the little bumps
+c.

I think you've got it wrong. If it's radioactive, don't machine it. The dust is FAR more dangerous than the intact paint. It will sit in your lungs and you might actually get a dose that would have an effect. In 20 years.

It's a magnitude thing. You'll get more radiation by one high altitude flight across the country than you'll get by sleeping with this puppy right next to you. Do you worry about the little radioactive pellet in your smoke detectors? (I actually know someone who refused to have smoke detectors because of this!!). Do you worry about the occasional chest x-ray you get?

My previous post applies. Eat your broccoli, wear your seatbelt, and change the batteries in your smoke detectors. But don't machine those bumps off.

I see someone else has said the same thing, and MUCH better, but I will post this anyway, because it is a safety issue and bears repeating.

>Eh? Will I glow in the dark too?

Far as I can tell, you already do. Hasn't anyone told you? It was the badgers what done it. And SHE put 'em up to it.

73 ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

----- Whom the gods would destroy, they first make proud -----

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: rob3ert@juno.com (Robert G. Parks)
Subject: [8849] Re: Tins, I must have more tins!
Message-ID: <19970114.170425.10030.0.rob3ert@juno.com>

Laura,

My local drug store is having a sale of "seasonal" candy in tins; especially M&M's. I got a fancy tin that kind of looks like a 2/3 size lunchbox with fancy pictures "painted" on it. Thought it might make a nice case for a QRP rig complete with antenna tuner.

It's a kind of sickness, I'm sure!!! Many of us are infected!

72/73

Bob Parks
K6AEC (Las Vegas)

On Tue, 14 Jan 1997 15:19:50 -0700 "Laura" <sputnik@imt.net> writes:
>Ok, so I've ordered a 38S (is that what we decided to call it?) and a
>Rainbow tuner/bridge and have a 49er on the way. Now I am faced with
>a
>terrible new affliction.
>
>I can't go anywhere without looking for "tins". You know, little tins
>in
>which to put radio kits. I've got the "Celestial Seasonings", I'm
>being
>sent an "Altoids" and there are so many more. I see tins in every
>candy
>isle, over in the herbal teas, next to some frightening looking
>ointment:
>"Russ, look there! Isn't that a replica of the old Nabisco cracker
>tin? I
>gotta have that" "But what do you need another tin for?" "I don't
>know,
>it might come in handy!" Has anyone else become a "tin" addict too?
>Is
>there a twelve step program for this?pause..... sorry,
>I
>was eating some "Andes candies" that I bought in the new "Valentine"
>tin.... a radio in a heart shaped tin... what am I nuts?
>
>73 de KJ7UN, Laura
>
>Laura Marino Lubner - Reese Creek Montana USA
>sputnik@imt.net <http://www.imt.net/~sputnik>
>GHRC / ARRL / 10-10 #68896 / FISTS #2785 / MARC / QRP-L # 790
>
>
>

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [8879] Re: Tins, I must have more tins!
Message-ID: <19970114.225246.4647.9.DWink@juno.com>

On Tue, 14 Jan 1997 15:19:50 -0700 "Laura" <sputnik@imt.net> writes:

>I can't go anywhere without looking for "tins".
> Has anyone else become a "tin" addict too?

Me, too! My wife is getting suspicious about all the Celestial Seasonings' tea and General Foods International Coffees and cans of SPAM in the pantry. Have you seen the Napoleon Bon Bon tins mentioned in a previous post? Beautiful!

>.... a radio in a heart shaped tin... what am I nuts?

At Christmas I sent shopping in a cooking store and found a beautiful heart-shaped aluminum cake baking pan about 5" across. Perfect chassis for a 2 or 3 tube radio! Of course we're nuts! We just hide it better than Nils. And ain't it fun?!!

> Is there a twelve step program for this?

So far the tin addiction doesn't bother me half so much as the QRP-List addiction!
Will I ever build anything again? I just seem to read and post and order stuff and dream and scheme and start over again.

73 ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA
----- Whom the gods would destroy, they first make proud -----

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: wylde@nccn.net (Grover, K7TP)
Subject: [8896] Re: Tins, I must have more tins!
Message-ID: <v02130501af02a91ccf19@[205.139.74.194]>

At 3:19 PM 1/14/97, Laura wrote:

SNIP

>tin.... a radio in a heart shaped tin... what am I nuts?

>

>Laura Marino Lubner - Reese Creek Montana USA

Someone once noted that there is fine line between sanity and insanity,
and that fine line is the Montana state border. You answered your own
question, Laura. ;-)

Grover
K7TP/6

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Marcus Leatham" <leatham@nortel.ca>
Subject: [8924] Re: Tins, I must have more tins!
Message-ID: <199701152203.RAA31734@nss2.CC.Lehigh.EDU>

>and that fine line is the Montana state border.

It must be the Montana - Idaho border ;-) !

Casa Blanca:
"Philip, the TIN! Give me the TIN!"

Aladdin:
"New tins for old! New tins for old!"

Wizard of Oz:
"Oil Can! Oil Can!"
"Why, it's a Tin Man!"

The Music Man:
"No, the man sells TINS, radio TINS
and I don't know how he does it,
but he dallies and he gathers
and he plucks and he shines
and when the man dances,
certainly boys, what else?
The Piper Pays Him!"
"Yes, Sir!"
"The Piper Pays Him!"
"Yes, Sir!"
Yes, Sir!
Yesssssss, Sssssssir!
Yesssssss, Sssssssir!"
"River City! River City Junction!"

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: gsurrency@juno.com
Subject: [8876] Re: Tough ole Fox hiding in the noise
Message-ID: <19970114.223251.3238.2.gsurrency@juno.com>

I heard Roger get him right after I signed. The waves of QSB were kind to us tonight in AZ. Never heard KU7Y, tho. Band is weird, real weird.

Guess the TAC-1 and all those mods nd hours)(I put into it paid off. It's my second Fox, and first one in '97.

Yeah, I got all excited too and messed up the order of the exchange, but Randy got it all except for a repeat on the RST.

Thanks again, Randy.

Roger, your rig sounded RFB here. Which one of those puppies you have over there "hears" best?

72, etc.

Gary Surrency
AB7MY
Chandler, AZ

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: N4JS <n4js@amsat.org>
Subject: [8863] Re: Tue nite Fox
Message-ID: <v03010d02af0201fa3833@[206.106.174.44]>

>Hey all.....

>

>Just worked Randy, KS4L.....Good sig into Nevada and I don't
>hear anyone else calling.....

I tried to sneak in 15 minutes before I had to leave for work. Conditions here were VERY good. Lots of west coast stations with good signals, XE's, etc. BUT, no Randy. I heard a 7 calling him, but the skip was too long I fear. If only I could have been home the whole time..... QRP+ working great, though.

_
 | \ |
 | . ' | | _ _ |

|_|_| |_| _/_|_|_/_/
John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29
 http://www.pobox.com/~n4js
QRP-L #884 QRP-ARCI #9328 FISTS #2781

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Bill Myers <bmyers@destin.nfds.net>
Subject: [8866] Re: Tue nite Fox
Message-ID: <1.5.4.16.19970114082137.19ffb358@destin.nfds.net>

At 09:55 PM 1/14/97 EST, Wilford D. Lindsey wrote:

>YEP...managed to sneak up on him at 0218 at about 7037.5 or so. Very
>heavy QRN here, plus some QSO's very nearby. And I got so excited i
>messed up thr exchange and took too long. But at least finally got it
>done, though not real smooth! I gave him only a 339 RST, and a few
>minutes he really went down into the noise level here.
>
>This was my *first* FOX in 1997. Maybe it will get better from here.
>Let't hope so. And congratulations!

Good Job Doc.

I can't hear him from here, too close. I did hear MANY of the stations who
worked him tonight...

72/73

--
Bill Myers KK4KF Grid - EM60rk
FISTS#2390 QRP-L#755 ARCI#9282 scQRPions#42 CQC#386
Snail Mail P. O. Box 178 Shalimar, FL 32579
e-mail <bmyers@destin.nfds.net>
homepage http://destin.nfds.net/~bmyers/
 (Reptiles/Emergency Services/Amateur Radio)
CHECK OUT THE FISTS INTERNATIONAL CW CLUB U. S. HOMEPAGE
http://n9nvv.qrp.com/~fists (That's N 9 N V V)

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997

From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [8894] Re: Tue nite Fox
Message-ID: <Pine.SUN.3.95.970115083728.8794C-100000@ume>

Listened for the fox.....heard an XE1 on 7036 and the hoards calling VK0IR below. I think I need a BIGGER antenna for 40m to hear you guys!

Dr. Rick Zabrodski BSc, MD, CCFP(E) MRO * VE6GK
Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [8895] Re: Tue nite Fox
Message-ID: <19970115.094150.15695.5.tahrens1@juno.com>

Wow, what a signal!!!

Randy you REALLY were 599+ here in Austin last night.. and I REALLY was only running 5 watts to my verticals.

Couldn't believe it.. got to the shack, flipped on the rig, and there you were, about 500 hz off of the last fox that I worked!hehe

Thanks!

Tim W5FN

p.s. You can unplug the conduit now :-)

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [8899] Re: Using a gimmick to tune a frequency counter in a GM30
Message-ID: <M28881656.021.245yp.1.970115155544Z.CC-MAIL*/OU=SATCG/OU=AZBH/PRMD=MOT/ADMD=MOT/C=US/@MHS>

>Does anyone have experience using a gimmick to tune something up? It
>looks like it will work, but I was wondering whether a gimmick
>is a stable capacitor and if there are pitfalls.

>73, Rich Bachmann, N3SLR, Baltimore, MD

I tried to use one to set a VFO exactly on frequency. I used two pieces of enamel wire, one 20 gauge to ground, the other a lighter 28 gauge wrapped around it.

This did not work for me, as it was too mechanically unstable.

"No, problem" I thought, "Just secure it with super glue".

I found that super glue has got to be one of the worst dielectrics in the world. The VFO stability degraded tremendously until I yanked the whole thing out.

I suppose I could have wrapped it tightly in plumbers Teflon tape. That stuff does wonders for stabilizing windings on VFO coils, but I after my initial experience, I gave up on gimmick caps.

I find small value glass trimmer work best for such applications. I find that with fixed N and NPO capacitors I can get within 2 to 4 pf quite easily.

- Dan Tayloe, KK7BD, Phoenix, Az

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: 15-Jan-1997 1233 <randolph@asic.ENET.dec.com>
Subject: [8906] Re: Using a gimmick to tune a frequency counter in a GM30
Message-ID: <9701151739.AA04256@us4rmc.pko.dec.com>

Another trick you might try is simply snipping off bits of a ceramic disc NPO capacitor. This apparently works better than you'd think it would, because the ceramic breaks off cleanly, leaving a usable capacitor.

-Tom R. N100Q randolph@asic.enet.dec.com

From owner-qrp-1@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: Mill.Moore@valley.net (Mill Moore)
Subject: [8914] Re: Will Snowy Roof Affect Antenna?

Message-ID: <2443011@hanover.VALLEY.NET>

A few days ago you posted a message to QRP-L inquiring whether the six inches of snow on your roof would affect the performance of your attic antenna...

I checked with my friend Bert, WA10, who is an engineer at the Army Corps of Engineers Cold Regions Research and Engineering Lab in Hanover, N.H. His specialty is geophysical radars that measure the depth of ice and snow. He says there should be no effect. The only way you might see an effect would be at UHF frequencies and with a very high water content in the snow.

73,
Mill, AA1PB
Hartland, Vermont

From owner-qrp-l@Lehigh.EDU Wed Jan 15 18:02:51 1997
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [8845] Re: [8765] 38S kits a'mailing
Message-ID: <199701150043.QAA19291@netcom13.netcom.com>

I got mine in the mail this afternoon. I've got a killer cold, and am guessing that the RF gain pot should be an audio taper type, so it'll be a while before mines up and running.
73, doug

ps, if other people want the complete list of parts for the upgrades as published in the original instructions, let me know.
73, doug
N6TQS